

--ABSTRACT OF THE DISCLOSURE

A method and device for carrying out switchover on a radio frequency landing system of an aircraft between a first input of a radio frequency receiver, which input is connected to a first antenna disposed on a lower part of the aircraft and receives a first signal, and a second input of the radio frequency receiver, which input is connected to a second antenna disposed on an upper part of the aircraft and receives a second signal. On initialization, switchover occurs to the input whose signal exhibits the highest level. After the initialization phase, a first value of a parameter, in relation to the aircraft, and a second value of this same parameter, in relation to the runway, are determined. The difference between these first and second values is computed, and switchover occurs to one of the first and second inputs as a function of this difference.--